CUSTOMER EQUIP NUM: NLC00260

COMPARTMENT NAME: HYDRAULIC SYSTEM

SERIAL NUMBER: NLC00260

MANUFACTURER: CATERPILLAR

MODEL: 299D

JOB SITE:

EXT WARR NUMBER:

SHOP JOB NUM: SHOP

COMP SERIAL NUM:

COMPARTMENT MODEL:

COMP MANUFACTURER:

SAMPLE LABEL NUM:

FLUID BRAND/WEIGHT:

FLUID TYPE:

EXT WARR EXPIRE DATE:

FUEL CONSUMED:

629





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LA	B CONTROL NUMBER	SAMPLE DATE	PROCESS DATE	EQUIPMENT METER	METER ON FLUID	FLUID CHANGED	MAKE UP FLUID	MAKE UP FLUID UNITS	FILTER CHANGED
E1	30-43098-2003	4/1/13	4/8/13	497 HR	497 HR	Unknown			Yes

No Action Required

Wear Metals (ppm)

E130-43098-2003

PHONE: 785-267-8161

SAMPLE SHIP TIME (days): 7

SAMPLE TYPE: OIL

FAX:

FIRST SAMPLE/NO TREND ESTABLISHED. WEAR PATTERN APPEARS TO BE NORMAL ON A FIRST SAMPLE BASIS. RESAMPLE IN 500 HRS TO ESTABLISH A TREND.

Oil Condition / ST Particle Count (ct/ml) E130-43098-2003 3 13 N N 7.2 59079 11316 5647 3100 423 244 23/22/20 32347 2062

CUSTOMER EQUIP NUM: NLC00260

COMPARTMENT NAME: ENGINE

SERIAL NUMBER: NLC00260

MANUFACTURER: CATERPILLAR

MODEL: 299D

JOB SITE:

EXT WARR NUMBER:

FAX:

PHONE: 785-267-8161

SAMPLE SHIP TIME (days): 7

SAMPLE TYPE: OIL

SHOP JOB NUM: SHOP

COMP SERIAL NUM:

COMPARTMENT MODEL:

COMP MANUFACTURER:

SAMPLE LABEL NUM:

FLUID BRAND/WEIGHT: CAT

FLUID TYPE:

EXT WARR EXPIRE DATE:

FUEL CONSUMED:





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LAB CONTROL NUMBER	SAMPLE DATE	PROCESS DATE	EQUIPMENT METER	METER ON FLUID	FLUID CHANGED	MAKE UP FLUID	MAKE UP FLUID UNITS	FILTER CHANGED
E130-43098-1082	4/1/13	4/8/13	497 HR	350 HR	Yes			Yes
No Action Required	POTASSIUM IS SLIGHTLY H	HIGH. COULD BE DUE TO	AN ENVIRONMENT WHEN FERTIL	LIZERS ARE STORED. NONE O	F THESE READINGS APPEAR	TO BE URGENT. RESAMPL	E AT NORMAL	
No Action Required	INTERVAL.							
E130-43058-1017	INTERVAL. 1/28/13	2/27/13	150 HR	150 HR	Yes	2.5	GAL	Yes

Wear Metals (ppm)	Cu	Fe	Cr	Al	Pb	Sn	Si	Na	К	В	Мо	Ni	Ag	Ca	Mg	Zn	Р
E130-43098-1082	5	40	1	4	0	0	10	3	31	25	4	0	0	2250	314	1253	1075
E130-43058-1017	17	36	1	5	1	0	19	4	8	49	49	1	0	1825	771	1279	1077

Oil Condition / Particle Count (ct/ml)	ST	OXI	NIT	SUL	w	A	F	PFC	V100
E130-43098-1082	36	16	9	20	N	N	N		16.2
E130-43058-1017	14	14	8	18	N	N	N	0.92	11.4

Ag = Silver, Al = Aluminum, B = Boron, Ca = Calcium, Cr = Chromium, Cu = Copper, Fe = Iron, P = Phosphorus, K = Potassium, Mg = Magnesium, Mo = Molybdenum, Na = Sodium, Ni = Nickel, Pb = Lead, Si = Silicon, Sn = Tin, V = Vanadium, Zn = Zinc, A = Antifreeze, F = Fuel, W = Water, P = Positive, N = Negative, T = Trace, E = Excessive, NIT = Nitration, OXI = Oxidation, ST = Soot, SUL = Sulfation, ISO = ISO Rating, PFC = Percent Fuel Content, PQI = Particle Quantifying index, NaW = Salt Water, FL Pt = Flash Point, TAN = Total Acid Number, TBN = Total Base Number, H2O = Karl Fisher result, V100 = Viscosity@100C, V40 = Viscosity@40C

FAX:

PHONE: 785-267-8161

SAMPLE TYPE: OIL

SAMPLE SHIP TIME (days):

CUSTOMER EQUIP NUM: NLC00260

COMPARTMENT NAME: HYDRAULIC SYSTEM

SERIAL NUMBER: NLC00260

MANUFACTURER: CATERPILLAR

MODEL: 299D

JOB SITE :

EXT WARR NUMBER

SHOP JOB NUM

COMP SERIAL NUM:

COMPARTMENT MODEL

COMP MANUFACTURER :

SAMPLE LABEL NUM:

FLUID BRAND/WEIGHT:

FLUID TYPE:

EXT WARR EXPIRE DATE

FUEL CONSUMED

FOLEY EQUIPMENT



SOS Services Laboratory 1550 S. West St. Wichita, KS 67213-1668 316-943-4211

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AB CONTROL NUMBER	SAMPLE DATE	PROCESS DATE	EQUIPMENT METER	METER ON FLUID	FLUID CHANGED	MAKE UP FLUID	MAKE UP FLUID UNITS	FILTER CHANGED
130-44134-2008	5/13/14	5/14/14	1066 HR	1066 HR	No			No
No Action Required	WEAR PATTERN IS ACCEPT	TABLE AT THIS TIME. RES	AMPLE IN 500 HRS.					
E130-43098-2003	4/1/13	4/8/13	497 HR	497 HR	Unknown			Yes
No Action Required	FIRST SAMPLE/NO TREND	ESTABLISHED WEAR PAT	ITERN APPEARS TO BE NORMA	LON A FIRST SAMPLE BASIS	RESAMPLE IN 500 HRS TO ES	STARLISH A TREND		

Wear Metals (ppm)	Cu	Fe	Cr	Al	Pb	Sn	Si	Na	К	В	Мо	Ni	Ag	Ca	Mg	Zn	Р
E130-44134-2008	3	12	0	0	0	0	2	1	0	3	0	0	0	506	6	972	762
E130-43098-2003	4	7	0	1	1	0	2	0	1	2	1	0	0	429	10	793	629

Oil Condition / Particle Count (ct/ml)	ST	OXI	NIT	SUL	W	Α	V100	ISO	4μ	6µ	10μ	14μ	18µ	21μ	38µ	50µ
E130-44134-2008	0	5	3	15	N	N	7.0	23/19/13	50214	3947	72	44	31	25	11	7
E130-43098-2003	0	4	3	13	N	N	7.2	23/22/20	59079	32347	11316	5647	3100	2062	423	244

COMPANT NAME

CUSTOMER EQUIP NUM: PLC00260

COMPARTMENT NAME: HYDRAULIC SYSTEM

SERIAL NUMBER: PLC00260

MANUFACTURER: CATERPILLAR

MODEL: 299D

JOB SITE :

EXT WARR NUMBER:

SHOP JOB NUM:

COMP SERIAL NUM:

COMPARTMENT MODEL:

COMP MANUFACTURER:

SAMPLE LABEL NUM:

FLUID BRAND/WEIGHT:

FLUID TYPE:

EXT WARR EXPIRE DATE :

FUEL CONSUMED:

FOLEY



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LAB CONTROL NUMBER	SAMPLE DATE	PROCESS DATE	EQUIPMENT METER	METER ON FLUID	FLUID CHANGED	MAKE UP FLUID	MAKE UP FLUID UNITS	FILTER CHANGED
E130-45138-2031	5/11/15	5/18/15	1505 HR	1505 HR	Unknown			Yes

No Action Required

PHONE: 785-267-8161

SAMPLE SHIP TIME (days): 7

SAMPLE TYPE: OIL

FAX:

FIRST SAMPLE/NO TREND ESTABLISHED. WEAR PATTERN APPEARS TO BE NORMAL ON A FIRST SAMPLE BASIS. RESAMPLE AT NORMAL INTERVAL TO ESTABLISH A TREND.

Wear Metals (ppm)	Cu	Fe	Cr	Al	Pb	Sn	Si	Na	K	В	Мо	Ni	Ag	Ca	Mg	Zn	Р
E130-45138-2031	3	14	0	1	1	1	2	0	0	2	0	0	0	239	5	774	614

Oil Condition / Particle Count (ct/ml)	ST	OXI	NIT	SUL	W	Α	V100	ISO	4μ	6µ	10µ	14μ	18μ	21μ	38µ	50µ
E130-45138-2031	0	4	2	12	N	N	7.4	23/23/17	66015	41487	9284	1224	590	463	171	103

CUSTOMER EQUIP NUM: PLC00260

COMPARTMENT NAME: FINAL DRIVE RIGHT

SERIAL NUMBER: PLC00260

MANUFACTURER: CATERPILLAR

MODEL: 299D

JOB SITE:

EXT WARR NUMBER:

SHOP JOB NUM:

COMP SERIAL NUM:

COMPARTMENT MODEL:

COMP MANUFACTURER :

EXT WARR EXPIRE DATE:

SAMPLE LABEL NUM:

FLUID BRAND/WEIGHT: UNKNOWN/UNKNOWN

FLUID TYPE:

FUEL CONSUMED:



SOS Services Laboratory 1550 S. West St. Wichita, KS 67213-1668 316-943-4211 www.foleytractor.com

5/18/15 CONTINUES. RESAMPLE	1505 HR	METER ON FLUID 1255 HR	FLUID CHANGED Yes	MAKE UP FLUID	MAKE UP FLUID UNITS	FILTER CHANGEI
		1255 HR	Yes			
CONTINUES. RESAMPLE	IN 500 HRS.					
2/19/13	250 HR	250 HR	Yes	1	ОТ	
2/19/13 NO TREND ESTABLISHED.	250 HR RELATIVELY HEAVY BREAK-IN	250 HR WEAR. RESAMPLE IN 500	Yes HRS TO ESTABLISH A TRE	ND.	QT	
					2/19/13 250 HR 250 HR Yes 1 NO TREND ESTABLISHED. RELATIVELY HEAVY BREAK-IN WEAR. RESAMPLE IN 500 HRS TO ESTABLISH A TREND.	

Wear Metals (ppm)	Cu	Fe	Cr	Al	Pb	Sn	Si	Na	K	В	Мо	Ni	Ag	Ca	Mg	Zn	Р
E130-45138-4031	20	228	3	3	0	1	4	3	3	237	0	1	0	30	191	34	1226
E130-43050-4019	6	440	11	3	1	0	14	22	7	437	26	1	0	30	831	68	1370

Oil Condition / Particle Count (ct/ml)	W	V100	PQI	
E130-45138-4031	N	20.9	144	
E130-43050-4019	N	12.7	297	

FAX:

PHONE: 785-267-8161

SAMPLE SHIP TIME (days): 17

SAMPLE TYPE: OIL